

## AFFIDAVIT OF AUSTIN D. PYLE

Comes the undersigned, Austin D. Pyle, and after first being duly sworn, states as follows:

1. I am the President and sole owner of Speciality Machining Inc.
2. MEC, Ltd. employed Speciality Machining Inc. to modify existing commercially available SIG handguns to accommodate an electromechanical locking/safety system of their design.
3. In June 1997, I did the machine work as directed by MEC and built functional prototypes of two different designs of an electromechanical safety/locking system for a firearm.

One was designated as the "trigger block" design, and the other was designated as the "trigger bar pulldown" design.

Both prototypes were connected to a power supply by means of a cable.

The trigger block design incorporated a spring loaded pin driven by an output shaft on a gearhead connected to a very small motor. Upon activation, the pin was driven into (or out of) a trigger modified to accept the pin. I built the spring loaded pin assembly, the altered trigger, and the retention bracket, and modified the frame to accept the design. I built the keypad box that contained all of the design. The keypad box in the functional prototype was cosmetic in nature because the electronics had yet to be miniaturized.

I did the machining to connect everything together.

4. I did all of the machining for the trigger bar pulldown version as well.
5. I was present in June 1997 when both of these prototypes were test fired and videotaped.
6. In the fall of 1997, I modified a SIG 239 handgun supplied by MEC to incorporate the trigger block design. This prototype, the "marketing prototype" was designed to be a model for what could be marketed. This prototype had functioning on-board miniaturized electronics and an integral power supply. Shadowsand Inc. had created and built the electronics board and MEC had

*Exhibit 19*

designed the keypad.

5. The keypad was the last of the elements to be supplied and it arrived right around Christmas 1997. I had the modified SIG 239 completed and Sean Garnett of Shadowsand, Inc did the final assembly. The prototype was complete and functioning with no problems in late December 1997 and early January 1998. Tony Hancock and Jonathan Buckley took that prototype to the Shot Show in January 1998 to show SIG even though MEC's contract had been terminated in December by SIG.

6. I personally did all of the machining on all the prototypes and designed and built the spring loaded pin assemblies. I have attached hereto some work notes on the spring loaded pin arrangement dated 7/20/97 (Exhibit A), on the keypad box for the marketing prototype (Exhibit B), and two detailed machining dimension drawings dated July 1997 done for me at my request by Jack Cassel on this project (Exhibit C). Jack Cassel also line engineering drawings of the details of the trigger block design at my request and direction, and MEC supplied those drawings to Dieter Strich and Rudolf Fuchs sometime in June 1997.

7. At no time in any of this work, did I receive any direction from SIG or incorporate anything into the trigger block design that didn't come from MEC or myself. Whatever we did in the way of design was our work alone.

Further the affiant saith not.

Austin D. Pyle  
Austin D. Pyle

Commonwealth of Kentucky  
County of Fayette

Subscribed, sworn to, and acknowledged before me by Austin D. Pyle on this the 8<sup>th</sup> day of July 2003.

My Commission Expires: 3-6-2006

R. Lynn Miller  
Notary Public, State of Kentucky